## ABSTRACT OF THE DISCLOSURE

The invention relates to a method of heating a material comprising at least one part worn road coatings that are to be recycled, originating from milled materials or crushed agglomerates. The invention is characterised in that it comprises the following steps consisting in: heating to a first temperature using first radiant heating means (16, 18) which are disposed close to the worn road coatings to be recycled; mechanically moving (12, 14) the worn road coatings to be recycled during said heating step; heating to a second temperature using second heating means (16, 18) which are disposed close to the worn road coatings to be recycled, such as to bring the coatings to a working temperature of between 160 and 220 DEG C. The invention also relates to the associated device.